

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 3/28/2002
 Edited by: A
 Verified by: A (STIC staff)

Serial Number: 10/090,983

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002
TIME: 12:22:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03282002\J090983.raw

4 <110> APPLICANT: Manning, William C., Jr.
5 Dwarki, Varavani J.
6 Rendahl, Katherine
7 Zhou, Shang-Zhen
8 McGee, Laura H.
9 Lau, Dana
10 Flannery, John G.
11 Miller, Sheldon
12 Wang, Fei
13 Di Polo, Adriana
16 <120> TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
17 FOR TREATING OR PREVENTING DISEASES OF THE EYE
20 <130> FILE REFERENCE: PP1588.005 (20263.50)
C--> 22 <140> CURRENT APPLICATION NUMBER: US/10/090,983
23 <141> CURRENT FILING DATE: 2002-03-04
25 <160> NUMBER OF SEQ ID NOS: 12
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 6514
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo sapien
34 <400> SEQUENCE: 1
35 accatgtagc ggccctgcgc gctcgtcgc tctactgagcg cgcccgggca aagcccgggc 60
36 gtcgggacgac ctttggtcgc ccggcctcag tgagcgagcg agcgcgagc gagggagtgg 120
37 ccaactccat cactaggggt tccttgtagt taatgattaa ccgcccagtc tacttatcta 180
38 cgtagccatg ctctagggaa ttggccgcgg aatttcgact ctaggccatt gcatacgttg 240
39 tatctatatc ataatatgta catttatatt ggctcatgtc caatatgacc gccatgttga 300
40 cattgattat tgactagtta ttaatagtaa tcaattacgg ggtcattagt tcatagccca 360
41 tatatggagt tccgcgttac ataacttacg gtaaatggcc cgcttggtg accgcccac 420
42 gacccccgcc cattgacgtc aataatgacg tatgttccca tagtaacgcc aatagggact 480
43 ttccattgac gtcaatgggt ggagtattta cggtaaaactg cccacttggc agtacatcaa 540
44 gtgtatcata tgccaagtc gccccctatt gacgtcaatg acggtaaatg gccgcctgg 600
45 cattatgcc agtacatgac cttacgggac ttctctactt ggcagtacat ctacgtatta 660
46 gtcacgccta ttaccatggt gatgcggttt tggcagtaca ccaatgggag tggatagcgg 720
47 tttgactcac ggggatttcc aagtctccac ccattgacg tcaatgggag tttgttttgg 780
48 caccaaaatc aacgggactt tccaaaatgt cgtaataacc ccgccccgtt gacgcaaag 840
49 ggcggtaggc gtgtacggtg ggaggtctat ataagcagag ctcgtttagt gaaccgtcag 900
50 atgcctgga gacgccatcc acgctgtttt gacctccata gaagacaccg ggaccgatcc 960
51 agcctccgcg gccgggaacg gtgcattgga acgcggtatc cccgtgccaa gactgacgta 1020
52 agtacgcct atagactcta taggcacacc cctttggctc ttatgcatgc tatactgttt 1080
53 ttggcttggg gcctatacac ccccgctcct tatgctatag gtgatggtat agcttagcct 1140
54 ataggtgtgg gttattgacc attattgacc actccctat tggtagcat actttccatt 1200
55 actaatccat aacatggctc ttgcccacaa ctatctctat tggctatatg ccaataactct 1260

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002
TIME: 12:22:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03282002\J090983.raw

56	gtccttcaga	gactgacacg	gactctgtat	ttttacagga	tgggggtccat	ttattattta	1320
57	caaattcaca	tatacaacaa	cgccgtcccc	cgtgcccgcga	gtttttatta	aacatagcgt	1380
58	gggatctccg	acatctcggg	tacgtgttcc	ggacatgggc	tcttctccgg	tagcggcgga	1440
59	gcttccacat	ccgagccctg	gtcccacccg	tccagcggct	catggctcgt	cggcagctcc	1500
60	ttgtctctaa	cagtggaggc	cagacttagg	cacagcacaa	tgcccaccac	caccagtgtg	1560
61	ccgcacaagg	ccgtggcggg	aggggtatgt	tctgaaaatg	agctcggaga	ttgggctcgc	1620
62	acctggacgc	agatggaaga	cttaaggcag	cggcagaaga	agatgcaggc	agctgagttg	1680
63	ttgtattctg	ataagagtca	gaggtaactc	ccgttgccgg	gctgttaacg	gtggaggggca	1740
64	gtgtagtctg	agcagtactc	gttgctgccg	cgcgcgccac	cagacataat	agctgacaga	1800
65	ctaacagact	gttcctttcc	atgggtcttt	tctgcagtca	ccgtcgtcga	cctaagaatt	1860
66	caggcctaag	cttccttaggt	atcgatctcg	agcaagtcta	gaggagagacc	acaacggttt	1920
67	ccctctagcg	ggatcaattc	cgcccccccc	ccctaaccgta	ctggccgaag	ccgcttgga	1980
68	taaggccggg	gtgcgtttgt	ctatatgtta	ttttccacca	tattgccgtc	ttttggcaat	2040
69	gtgagggccc	ggaaacctgg	ccctgtcttc	ttgacgagca	ttcctagggg	tctttcccct	2100
70	ctcgccaaag	gaatgcaagg	tctgttgaat	gtcgtgaagg	aagcagttcc	tctggaagct	2160
71	tcttgaagac	aaacaacgtc	tgtagcgacc	ctttgcaggc	agcggaaacc	cccacctggc	2220
72	gacaggtgcc	tctgcggcca	aaagccacgt	gtataagata	cacctgcaaa	ggcggcacaa	2280
73	ccccagtgcc	acgttgtgag	ttggatagtt	gtggaaagag	tcaaatggct	ctcctcaagc	2340
74	gtattcaaca	aggggctgaa	ggatgccag	aaggtacccc	attgtatggg	atctgatctg	2400
75	gggcctcggg	gcacatgctt	tacatgtgtt	tagtcgaggt	taaaaaaacg	tctaggcccc	2460
76	ccgaaccacg	gggacgtggg	tttcctttga	aaaacacgat	aataccatgg	ccgcggggag	2520
77	catcaccacg	ctgccagccc	tgccggagga	cggcggcagc	ggcgctttcc	cgccggggca	2580
78	cttcaaggac	cccaagcggc	tgtactgcaa	gaacgggggc	ttcttctcgc	gcacccacc	2640
79	cgacggccga	gtggacgggg	tccgcgagaa	gagcgaccca	cacatcaaac	tacaacttca	2700
80	agcagaagag	agaggggttg	tgtctatcaa	aggagtgtgt	gcaaaccggt	accttgctat	2760
81	gaaagaagat	ggaagattac	tagcttctaa	atgtgttaca	gacgagtgtt	tcttttttga	2820
82	acgattggag	tctaataact	acaatactta	ccggtcaagg	aaatacacca	gttggtatgt	2880
83	ggcactgaaa	cgaactgggc	agtataaact	tggatccaaa	acaggacctg	ggcagaaagc	2940
84	tatacttttt	cttccaatgt	ctgctaagag	ctgatcttaa	tggcagcatc	tgatctcatt	3000
85	ttacatgaag	ctgggtggcat	ccctgtgacc	cctccccagt	gcctctcctg	gccctggaag	3060
86	ttgccactcc	agtgccacc	agccttgtcc	taataaaaatt	aagttgcac	attttgtctg	3120
87	actaggtgtc	cttctataat	attatggggg	ggaggggggt	ggtatggagc	aaggggcaag	3180
88	ttgggaagac	aacctgtagg	gcctgcgggg	tctattggga	accaagctgg	agtgcagtgg	3240
89	cacaatcttg	gctcactgca	atctccgcct	cctgggttca	agcgattctc	ctgcctcagc	3300
90	ctcccagatt	gttgggattc	caggcatgca	tgaccaggct	cagctaattt	ttgttttttt	3360
91	ggtagagacg	gggtttcacc	atattggcca	ggctgggtctc	caactcctaa	tctcaggtga	3420
92	tctaccacc	ttggcctccc	aaattgctgg	gattacaggc	gtgaaccact	gtcccttcc	3480
93	ctgtccttct	gattttaaaa	taactatacc	agcaggagga	cgtccagaca	cagcataggc	3540
94	tacctggcca	tgcccaaccg	gtgggacatt	tgagttgctt	gcttggcact	gtcctctcat	3600
95	gcgttgggtc	cactcagtag	atgcctgttg	aattatcgga	tccactacgc	gttagagctc	3660
96	gctgatcagc	ctcgactgtg	ccttctagtt	gccagccatc	tgttgtttgc	ccctcccccg	3720
97	tgcttccctt	gacctggaa	gggtccactc	ccactgtcct	ttcctaataa	aatgaggaaa	3780
98	ttgcatcgca	ttgtctgagt	aggtgtcatt	ctattctggg	gggtgggggtg	gggcaggaca	3840
99	gcaaggggga	ggattgggaa	gacaatagca	ggggggtggg	cgaagaactc	cagcatgaga	3900
100	tccccgcgct	ggaggatcat	ccagccaatt	ccctagagca	tggctacgta	gataagtagc	3960
101	atggcggggt	aatcattaac	tacaaggaa	ccctagtgtg	ggagttggcc	actccctctc	4020
102	tgcgcgctcg	ctcgctcact	gaggccgggc	gaccaaagg	cgcccgacgc	ccgggctttg	4080
103	ccggggcggc	ctcagtgagc	gagcgagcgc	gcaggggggtg	ggcgaagaac	tccagcatga	4140
104	gatccccgcg	ctggaggatc	atccagccgg	cgtcccggaa	aacgattccg	aagcccaacc	4200

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002
TIME: 12:22:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03282002\J090983.raw

105	tttcatagaa	ggcggcggtg	gaatcgaaat	ctcgtgatgg	caggttgggc	gtcgtttggt	4260
106	cggtcatttc	gaaccccaga	gtcccgtctc	gaagaactcg	tcaagaaggc	gatagaaggc	4320
107	gatgcgctgc	gaatcgggag	cggcgatacc	gtaaagcacg	aggaagcggt	cagcccattc	4380
108	cccgccaaagc	tcttcagcaa	tatcacgggt	agccaacgct	atgtcctgat	agcgggtccgc	4440
109	cacacccagc	cggccacagt	cgatgaatcc	agaaaagcgg	ccattttcca	ccatgatatt	4500
110	cggcaagcag	gcacgcgcat	gggtcacgac	gagatcctcg	ccgtcgggca	tgcgcgcctt	4560
111	gagcctggcg	aacagttcgg	ctggcgcgag	ccccgtgatc	tcttcgtcca	gatcatcctg	4620
112	atcgacaaga	ccggcttcca	tccgagtaag	tgctcgctcg	atgcgatggt	tcgcttggtg	4680
113	gtcgaatggg	caggtagccg	gatcaagcgt	atgcagccgc	cgcattgcat	cagccatgat	4740
114	ggatactttc	tccgagggag	caaggtgaga	tgacaggaga	tcctgccccg	gcacttcgcc	4800
115	caatagcagc	cagtcacctc	ccgcttcagt	gacaacgtcg	agcacagctg	cgcaaggaaac	4860
116	gcccgtogtg	gccagccacg	atagccgcgc	tgccctcgcc	tgcatgttcat	tcagggcacc	4920
117	ggacaggctcg	gtcttgacaa	aaagaaccgc	gcgccccctg	gctgacagcc	ggaacacggc	4980
118	ggcatcagag	cagccgattg	tctgttgctg	ccagtcatag	ccgaatagcc	tctccaccca	5040
119	agcggccgga	gaacctgcgt	gcaatccatc	ttgttcaatc	atgcgaaacg	atcctcatcc	5100
120	tgtctcttga	tcagatcttg	atccccctgc	ccatcagatc	cttgccggca	agaaagccat	5160
121	ccagtttact	ttgcagggtc	tcccaacctt	accagagggc	gccccagctg	gcaattccgg	5220
122	ttcgcttgct	gtccataaaa	ccgcccagtc	tagctatcgc	catgtaagcc	cactgcaagc	5280
123	tacctgcttt	ctctttgcgc	ttgcgttttc	ccttgctccg	atagcccagt	agctgacatt	5340
124	catccggggg	cagcacccgt	tctgcggact	ggctttctac	gtgttccgct	tccttttagca	5400
125	gcccctggcg	cctgagtgct	tgccggcagc	tgaagctgtc	aattccgcgt	taaatTTTTT	5460
126	ttaaatcagc	tcatttttta	accaataggg	cgaatccggc	aaaatccctt	ataaatcaaa	5520
127	agaatagccc	gagatagggt	tgagtgttgt	tccagtttgg	aacaagagtc	cactattaaa	5580
128	gaacgtggac	tccaacgtca	aagggcgaaa	aaccgtctat	cagggcgatg	gcggatcagc	5640
129	ttatgcgggtg	tgaaataccg	cacagatgcg	taaggagaaa	ataccgcata	agggcgctctt	5700
130	ccgcttccctc	gctcactgac	tcgctgcgct	cggctcgctc	gctgcggcga	gcgggtatcag	5760
131	ctcactcaaaa	ggcggtaata	cgggttatcca	cagaatcagg	ggataacgca	ggaaagaaca	5820
132	tgtgagcaaaa	aggccagcaa	aaggccagga	accgtaaaaa	ggccgcgttg	ctggcggtttt	5880
133	tccatagggt	ccgccccctt	gacgagcatc	acaaaaatcg	acgctcaagt	cagaggtggc	5940
134	gaaacccgac	aggactataa	agataccagg	cgtttccccc	tggaagctcc	ctcgtgcgct	6000
135	ctcctgttcc	gaccctgccg	cttaccggat	acctgtccgc	ctttctccct	tcgggaagcg	6060
136	tggcgctttc	tcatagctca	cgtgtaggtt	atctcagttc	ggtgtaggtc	gttcgctcca	6120
137	agctgggctg	tgtgcacgaa	ccccccgttc	agcccagacc	ctgcgcctta	tccggttaact	6180
138	atcgtcttga	gtccaacccg	gtaagacacg	acttatcgcc	actggcagca	gccactggta	6240
139	acaggattag	cagagcgagg	tatgtaggcg	gtgctacaga	gttcttgaag	tggtggccta	6300
140	actacggcta	cactagaagg	acagtatttg	gtatctgcgc	tctgctgaag	ccagttacct	6360
141	tcggaaaaaag	agttggtagc	tcttgatccg	gcaaacaaac	caccgctggt	agcggcggtt	6420
142	ttttgtttgc	aagcagcaga	ttacgcgcag	aaaaaaagga	tctcaagaag	atcctttgat	6480
143	cttttcttac	tgaacgggtg	tccccaccgg	aatt			6514
145	<210>	SEQ ID NO: 2					
146	<211>	LENGTH: 5610					
147	<212>	TYPE: DNA					
148	<213>	ORGANISM: Homo sapien					
150	<400>	SEQUENCE: 2					
151	aaaacttgcg	gccgcggaat	ttcgactcta	ggccattgca	tacgttggtat	ctatatcata	60
152	atatgtacat	ttatattggc	tcatgtccaa	tatgaccgcc	atgttgacat	tgattattga	120
153	ctagttatta	atagtaatca	attacggggg	cattagttca	tagcccatat	atggagttcc	180
154	gcgttacata	acttacggta	aatggcccg	ctggctgacc	gcccacgac	ccccgcccat	240
155	tgacgtcaat	aatgacgtat	gttcccatag	taacgcctaat	agggactttc	cattgacgtc	300

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002
TIME: 12:22:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03282002\J090983.raw

156	aatgggtgga	gtatttacgg	taaactgccc	acttggcagt	acatcaagtg	tatcatatgc	360
157	caagtccgcc	ccctattgac	gtcaatgacg	gtaaattggc	cgcttgccat	tatgcccagt	420
158	acatgacctt	acgggacttt	cctacttggc	agtacatcta	cgtattagtc	atcgctatta	480
159	ccatgggtgat	gcgggttttg	cagtacacca	atgggcgtgg	atagcggttt	gactcacggg	540
160	gatttccaag	tctccacccc	attgacgtca	atgggagttt	gttttggcac	caaaatcaac	600
161	gggactttcc	aaaatgtcgt	aataaccccc	ccccgttgac	gcaaattggc	ggtaggcgtg	660
162	tacggtgagg	ggtctatata	agcagagctc	gtttagtga	ccgtcagatc	gcctggagac	720
163	gccatccacg	ctgttttgac	ctccatagaa	gacaccggga	ccgatccagc	ctccgcggcc	780
164	gggaacgggtg	cattggaacg	cggattcccc	gtgccaagag	tgacgtaagt	accgcctata	840
165	gactctatag	gcacaccctt	ttggctctta	tgcattgctat	actgtttttg	gcttggggcc	900
166	tatacaccctt	cgctccttat	gctatagggtg	atgggtatagc	ttagcctata	ggtgtgggtt	960
167	attgaccatt	attgaccact	cccctatttg	tgacgatact	ttccattact	aatccataac	1020
168	atggctcttt	gccacaacta	tctctatttg	ctatatgcca	atactctgtc	cttcagagac	1080
169	tgacacggac	tctgtatttt	tacaggatgg	ggtccattta	ttattttaca	attcacatat	1140
170	acaacaacgc	cgtcccccg	gcccgcagtt	tttattaaac	atagcgtggg	atctccgaca	1200
171	tctcgggtac	gtgttccgga	catgggctct	tctccggtag	cgccggagct	tccacatccg	1260
172	agccctgggtc	ccatccgtcc	agcggctcat	ggtcgcctcg	cagctccttg	ctcctaacag	1320
173	tggaggccag	acttaggcac	agcacaatgc	ccaccaccac	cagtgtgccc	cacaaggccg	1380
174	tggcggtagg	gtatgtgtct	gaaaatgagc	tcggagattg	ggctcgccac	tggacgcaga	1440
175	tggaaagactt	aaggcagcgg	cagaagaaga	tgacggcagc	tgagttgttg	tattctgata	1500
176	agagtcagag	gtaactcccg	ttgcgggtgct	gttaacgggtg	gagggcagtg	tagtctgagc	1560
177	agtactcggt	gctgcgcgcg	gcgccaccag	acataatagc	tgacagacta	acagactgtt	1620
178	cctttccatg	ggtcttttct	gcagtcaccg	tcgtcgacct	aagaattcgc	ccttcgaaac	1680
179	catgaacttt	ctgctgtctt	gggtgcattg	gagccttgcc	ttgtgtctct	acctccacca	1740
180	tgccaagtgg	tcccaggctg	cacccatggc	agaaggagga	gggcagaatc	atcacgaagt	1800
181	ggtgaagtgc	atggatgtct	atcagcgcag	ctactgccat	ccaatcgaga	ccctgggtgga	1860
182	catcttccag	gagtagccctg	atgagatcga	gtacactctt	aagccatcct	gtgtgcccct	1920
183	gatgcgatgc	gggggctgct	gcaatgacga	gggcctggag	tgtgtgcccc	ctgaggagtc	1980
184	caacatcacc	atgcagatta	tgccgatcaa	acctcaccaa	ggccagcaca	taggagagat	2040
185	gagcttcccta	cagcacaaca	aatgtgaatg	cagaccaaag	aaagatagag	caagacaaga	2100
186	aaatccctgt	gggccttgct	cagagcggag	aaagcatttg	tttgtacaag	atccgcagac	2160
187	gtgtaaatgt	tcctgcaaaa	acacagactc	gcgttgcaag	gcgaggcagc	ttgagttaaa	2220
188	cgaacgtact	tgcatgtgtg	acaagccgag	gcggtgagcc	gggcaggagg	aaggagcctc	2280
189	cctcagggtt	tcgggaacca	gatctctcac	caggaaagac	tgatacagaa	agggcgcaatt	2340
190	caggcctaag	cttcctaggt	atcgatctcg	agcaagtcta	gaaagccatg	gatatcggat	2400
191	ccactacgcg	ttagagctcg	ctgatcagcc	tcgactgtgc	cttctagttg	ccagccatct	2460
192	gttgtttgce	cctcccccg	gccttccttg	accctggaag	gtgccactcc	cactgtcctt	2520
193	tcctaataaa	atgaggaaat	tgcatcgcat	tgtctgagta	ggtgtcattc	tattctgggg	2580
194	ggtgggggtg	ggcaggacag	caagggggag	gattgggaag	acaatagcag	gggggtgggc	2640
195	gaagaactcc	agcatgagat	ccccgcgctg	gaggatcatc	cagctagcaa	gtcccatcag	2700
196	tgatggagtt	ggccactccc	tctctgcgcg	ctcgtctcgt	cactgaggcc	gggcgaccaa	2760
197	aggtcgcccg	acgcccgggc	tttgcccggg	cgccctcagt	gagcgagcga	gcgcgccagc	2820
198	gattctcttg	tttgctccag	actctcaggc	aatgacctga	tagcctttgt	agagacctct	2880
199	caaaaatagc	tacctctctc	ggcatgaatt	tatcagctag	aacggttgaa	tatcatattg	2940
200	atggtgattt	gactgtctcc	ggcctttctc	accggtttga	atctttacct	acacattact	3000
201	caggcattgc	atttaaaata	tatgagggtt	ctaaaaattt	ttatccttgc	gttgaaataa	3060
202	aggcttctcc	cgcaaaagta	ttacagggtc	ataatgtttt	tggtacaacc	gatttagctt	3120
203	tatgctctga	ggctttattg	cttaattttg	ctaattcttt	gccttgccctg	tatgatttat	3180
204	tggatgttgg	aattcctgat	gcggtatttt	ctccttacgc	atctgtgcgg	tatttcacac	3240

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002
TIME: 12:22:53

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03282002\J090983.raw

205	cgcatatggt	gcactctcag	tacaatctgc	tctgatgccg	catagttaa	ccagccccga	3300
206	cacccgcaa	cacccgctga	cgcgccctga	cggtctgtgc	tgctcccggc	atccgcttac	3360
207	agacaagctg	tgaccgtctc	cgggagctgc	atgtgtcaga	ggttttcacc	gtcatcaccg	3420
208	aaacgcgcga	gacgaaagg	cctcgtgata	cgcctatctt	tataggttaa	tgcatgata	3480
209	ataatggttt	cttagacgtc	aggtggcact	tttcggggaa	atgtgcgcgg	aacccttatt	3540
210	tgtttatttt	tctaaataca	ttcaaataatg	tatccgctca	tgagacaata	accctgataa	3600
211	atgcttcaat	aatattgaaa	aaggaagagt	atgagtattc	aacatttcctg	tgctgccctt	3660
212	attccctttt	ttgcggcatt	ttgccttctc	gtttttgctc	acccagaaac	gctggtgaaa	3720
213	gtaaaagatg	ctgaagatca	gttgggtgca	cgagtgggtt	acatcgaact	ggatctcaac	3780
214	agcggtaaga	tccttgagag	ttttcgcccc	gaagaacgtt	ttccaatgat	gagcactttt	3840
215	aaagtctctg	tatgtggcgc	ggtattatcc	cgtattgacg	ccgggcaaga	gcaactcgtt	3900
216	cgccgcatac	actattctca	gaatgacttg	gttgagtact	caccagtcac	agaaaagcat	3960
217	cttacggatg	gcatgacagt	aagagaatta	tgcagtgtcg	ccataaccat	gagtataaac	4020
218	actgcggcca	acttacttct	gacaacgac	ggaggaccga	aggagctaac	cgcttttttg	4080
219	cacaacatgg	gggatcatgt	aactcgctt	gatcggtggg	aaccggagct	gaatgaagcc	4140
220	ataccaaacg	acgagcgtga	caccacgatg	cctgtagcaa	tggcaacaac	gttgcgcaaa	4200
221	ctattaactg	gcgaactact	tactctagct	tcccggcaac	aattaataga	ctggatggag	4260
222	gcggataaag	ttgcaggacc	acttctgcgc	tcggcccttc	cggttggtcg	gtttattgct	4320
223	gataaatctg	gagccggtga	gcgtgggtct	cgcggtatca	ttgcagcact	ggggccagat	4380
224	ggtaagccct	cccgtatcgt	agttatctac	acgacgggga	gtcaggcaac	tatggatgaa	4440
225	cgaaatagac	agatcgctga	gataggtgcc	tactgatta	agcattggta	actgtcagac	4500
226	caagtttact	catatatact	ttagattgat	ttaaaacttc	atttttaatt	taaaaggatc	4560
227	taggtgaaga	tcctttttga	taatctcatg	accaaatacc	cttaacgtga	gttttcgttc	4620
228	cactgagcgt	cagaccccg	agaaaagatc	aaaggatctt	cttgagatcc	ttttttctg	4680
229	cgcgtaatat	gctgcttgca	aacaaaaaaa	ccaccgctac	cagcggtggt	ttgtttgccg	4740
230	gatcaagagc	taccaactct	ttttccgaag	gtaactggct	tcagcagagc	gcagatacca	4800
231	aatactgtcc	ttctagtgtg	gcgtagtcta	ggccaccact	tcaagaactc	tgtagcaccg	4860
232	cctacatacc	tcgctctgct	aatcctgtta	ccagtggctg	ctgccagtgg	cgataagtcg	4920
233	tgtcttaccg	ggttggaactc	aagacgatag	ttaccggata	aggcgcagcg	gtcgggctga	4980
234	acgggggggt	cgtgcacaca	gcccagcttg	gagcgaacga	cctacaccga	actgagatac	5040
235	ctacagcgtg	agctatgaga	aagcgccacg	cttcccgaag	ggagaaaggc	ggacaggat	5100
236	ccggttaagc	gcagggctcg	aacaggagag	cgcacgaggg	agcttccagg	gggaaacgcc	5160
237	tggtatcttt	atagtcctgt	cggttttcgc	cacctctgac	ttgagcgtcg	atttttgtga	5220
238	tgctcgtcag	gggggcggag	cctatggaaa	aacgccagca	acgcggcctt	tttacggttc	5280
239	ctggcctttt	gctggccttt	tgctcacatg	ttctttcctg	cgttatcccc	tgattctgtg	5340
240	gataaccgta	ttaccgcctt	tgagttagct	gataccgctc	gccgcagccg	aacgaccgag	5400
241	cgcagcagag	cagttagcga	ggaagcggaa	gagcgcccaa	tacgcaaacc	gcctctcccc	5460
242	gcgcgtttgg	cgattcatta	atgcagctgg	cgcgctcgtc	cgctcactga	ggccgcccgg	5520
243	gcaaagcccc	ggcgtcgggc	gacctttggt	cgccccgcct	cagttagcga	gcgagcgcgc	5580
244	agagagggag	tgcccaactc	catcactgat				5610
245	<210> SEQ ID NO: 3						
246	<211> LENGTH: 7096						
247	<212> TYPE: DNA						
248	<213> ORGANISM: Homo sapien						
250	<400> SEQUENCE: 3						
251	aaaacttgcg	gccgcggaat	ttcgactcta	ggccattgca	tacgttgat	ctatatcata	60
252	atatgtacat	ttatattggc	tcattgtccaa	tatgaccgcc	atgttgacat	tgattattga	120
253	ctagttatta	atagtaata	attacgggg	cattagttca	tagcccatat	atggagttcc	180
254	gcgttacata	acttacggta	aatggccgc	ctggctgacc	gccaacgac	ccccgcccat	240

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/090,983

DATE: 03/28/2002

TIME: 12:22:54

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03282002\J090983.raw

L:22 M:270 C: Current Application Number differs, Wrong Format



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,983

DATE: 03/20/2002
TIME: 16:23:56

Input Set : A:\20263.txt
Output Set: N:\CRF3\03202002\J090983.raw

4 <110> APPLICANT: Manning, William C., Jr.
5 Dwarki, Varavani J.
6 Rendahl, Katherine
7 Zhou, Shang-Zhen
8 McGee, Laura H.
9 Lau, Dana
10 Flannery, John G.
11 Miller, Sheldon
12 Wang, Fei
13 Di Polo, Adriana

Does Not Comply
Corrected Diskette Needed

16 <120> TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
17 FOR TREATING OR PREVENTING DISEASES OF THE EYE
20 <130> FILE REFERENCE: PP1588.005 (20263.50)
22 <140> CURRENT APPLICATION NUMBER: US/10/090,983
23 <141> CURRENT FILING DATE: 2002-03-04
25 <160> NUMBER OF SEQ ID NOS: 12
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

615 <210> SEQ ID NO: 12
616 <211> LENGTH: 42
617 <212> TYPE: DNA
618 <213> ORGANISM: Artificial Sequence
620 <220> FEATURE:
621 <223> OTHER INFORMATION: PCR primer
623 <400> SEQUENCE: 12
624 cgcgcgctcg agaccatgag gaatattatc caaagcgaaa ct

42

E--> 627 (12)

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/090,983

DATE: 03/20/2002

TIME: 16:23:57

Input Set : A:\20263.txt

Output Set: N:\CRF3\03202002\J090983.raw

L:22 M:270 C: Current Application Number differs, Wrong Format

L:627 M:254 E: No. of Bases conflict, LENGTH:Input:12 Counted:42 SEQ:12